

Title (en)

CYTOTOXIC ANTIBODIES TARGETING ANTIBODIES INHIBITING FACTOR VIII

Title (de)

ZYTOTOXISCHE ANTIKÖRPER GEGEN HEMMENDE ANTIKÖRPER GEGEN FAKTOR VIII

Title (fr)

ANTICORPS CYTOTOXIQUES DIRIGES CONTRE DES ANTICORPS INHIBITEURS DE FACTEUR VIII

Publication

EP 1973568 A1 20081001 (FR)

Application

EP 06831055 A 20061102

Priority

- FR 2006002452 W 20061102
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Abstract (en)

[origin: FR2892724A1] A monoclonal anti-idiotypic antibody (I) for targeting an antibody inhibiting the human factor VIII, is new, where (I) targets the C2 region of the human factor-VIII in which the variable region of each of the light chains is encoded by a sequence of nucleic acids identical to the murine sequence of nucleic acids (SEQ ID No: 1), the variable region of each of the heavy chains is encoded by a sequence of nucleic acids identical to the murine sequence of nucleic acids (SEQ ID No: 2) and the constant regions of the light and heavy chains are constant regions of a murine species. Monoclonal anti-idiotypic antibody (I) to target an antibody inhibiting the human factor VIII, is new, where (I) target the C2 region of the human factor VIII in which the variable region of each of the light chains is encoded by a sequence of nucleic acids of which at least 70% is identical to the murine sequence of nucleic acids having a fully defined 321 amino acid (SEQ ID No: 1) sequence given in the specification, and the variable region of each of the heavy chains is encoded by a sequence of nucleic acids of which at least 70 % is identical to the murine sequence of nucleic acids having a fully defined 366 amino acid (SEQ ID No: 2) sequence given in the specification, the constant regions of the light and heavy chains are constant regions of a murine species. Independent claims are included for: (1) a stable cellular line expressing (I); (2) a R565 clone registered under the registration number 1-3510 in the National Collection of Cultures and of Micro-organisms; (3) a DNA fragment of a sequence having a fully defined 1356 amino acid (SEQ ID No: 6) sequence for the heavy chain; and (4) a DNA fragment of sequence having a fully defined 642 amino acid (SEQ ID No: 5) sequence for the light chain. ACTIVITY : Antianemic. MECHANISM OF ACTION : Human anti-factor-VIII inhibitor; B-cell antigen receptor binder.

IPC 8 full level

A61K 39/395 (2006.01); **A61P 7/04** (2006.01)

CPC (source: EP KR US)

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